

10" - Bass Driver

Studio Range

Applications: Bass in Studio Monitors

- 250 Watt (AES)
- Symmetrical Field Magnet
- Dual Suspensions
- Rear Vented Magnet
- Exceptional Bass Performance
- Net Weight: 8.65 Kgs



The B2500.1 uses a massive magnet with symmetrical magnetic field and extended pole for maximum linearity. Matched dual rear suspensions maintain stability at high power levels. The cone is exceptionally rigid ensuring true piston integrity. The B2500.1 is the ultimate 250 mm high power studio bass driver. This unit is intended for state of the art studio systems where dynamic range and analytical clarity are essential.

Specifications

Nominal Diameter	250 mm
Power Rating	250 Watt (AES)
Sensitivity (1w / 1m)	88 dB
Frequency Range	25 - 1000Hz
Nominal Impedance	8, 16 or 24 ohms
BL Factor	18.7 N/A
Voice Coil Diameter	75 mm
Voice Coil Material	Copper
Maximum Excursion	25 mm (peak to peak)
Magnetic Assembly Weight	8.1 Kgs
Effective Moving Mass	0.104 Kgs
Compliance	0.00016 M/N
Volume Displacement	2 Litres
Connection	Metal Push Terminals
Chassis	Diecast Aluminium

Thiele-Small Parameters

Fs	39 Hz
Re	5.7 Ohms
Qa	2.21
Qe	0.41
Qt	0.34
Vas	26. Litres
Xmax	±5.5 mm
Sd	337 cm ²
Vd	185 cm ³
Le	0.9 mH

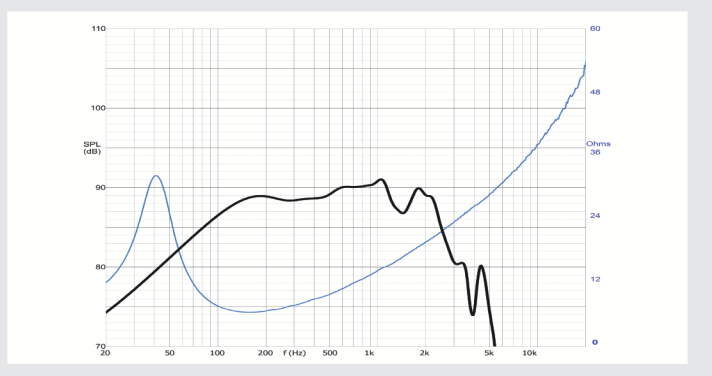
Mounting Information

Overall Diameter	285 mm
Fixing Bolt Diameter	268 mm
Fixing Holes	4 x M5
Front Mount Cut-out Diameter	253 mm
Suggested Rebate Depth	9.5 mm
Depth Below Front Flange	111.5 mm
Total Depth	121 mm
Weight	8.65 Kgs

Suggested Enclosures

Volume in Litres	15	28	40
Vent diameter in Cm	6.4	7.5	7.5
Vent length in Cm	22	29	27
System Q	7	7	7
-3dB Freq in Hz	50	39	34

Response Curve



Dimensions

